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Abstract

Sue This invention belongs to the genetic engineering field, and provides novel G protein-coupled receptor family proteins SREB1, SREB2 and SREB3 expressed in the central nervous system, genes coding for these proteins, screening methods using these proteins and so on.

As one of the methods for obtaining the G protein-coupled receptor proteins of the present invention, RT-PCR is carried out using mRNA extracted from human or rat brain tissue or brain-derived cells as the template and using two primers interposing the entire portion or a part of the G protein-coupled receptor protein translation region, thereby obtaining cDNA corresponding to the G protein-coupled receptor protein or a part thereof, and the cDNA is integrated into an appropriate expression vector and expressed in a host cell.

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